

In the Claims:

Claims 1-27 (canceled)

Claim 28 (new): A housing for an electrolysis system allowing quick fastening and detaching of an electrolysis cell needing periodic replacement, comprising:

a main compartment enclosing components of the electrolysis system except the electrolysis cell;

a panel at one end of the electrolysis cell and a second panel at an opposite end of the electrolysis cell, the electrolysis cell comprising an anode and a cathode chamber, one panel holding one end of the electrolysis cell having a vertical member connecting to a horizontal member forming an L shaped panel; and,

a separate compartment for the electrolysis cell, the separate compartment having a top wall, a bottom wall, three side panels, and an open side for easily reaching to and grasping on the electrolysis cell, the open side having an optional door to open or close the compartment, a wall or side panel common with the main compartment having openings to accommodate and allow tubings and electrical connectors from the main compartment to couple with tubings and electrical connectors on the panel at one end of the electrolysis cell, the separate compartment having a cell holder means for easily introducing and removing the electrolysis cell from the separate compartment, the cell holder

means comprising a track or a clip-on attached to one wall of the separate compartment for allowing the horizontal member of the L shaped panel of the electrolysis cell to slide into or out of the track or clip-on thereby facilitating the introduction and removal of the electrolysis cell from the separate compartment.

29. (new) The housing of claim 28 wherein the L shaped panel is a rear panel having the horizontal member extending from the bottom of the vertical member, the horizontal member securing to the track or clip-on on the base of the separate compartment of the electrolysis cell.

30. (new) The housing of claim 28 wherein the L shaped panel is a rear panel having the horizontal member extending from the top of the vertical member, the horizontal member securing to the track or clip-on on the top wall of the separate compartment of the electrolysis cell.

31. (new) The housing of claim 28 further comprising additional compartments for enclosing other components of the electrolysis system and means for communicating the electrolysis cell to the other components of the electrolysis system.

32. (new) The housing of claim 31 wherein the means for communicating the electrolysis cell to the other components of the electrolysis system include quick connect fitting and snap in elbow for the tubings and snap-on quick disconnect and terminal spade connector for the electrical connectors.

33. (new) The housing of claim 28 wherein the electrolysis cell includes a chamber or a series of chambers.

34. (new) The housing of claim 28 wherein the optional door is a swinging, sliding or clip-on door.

35. (new) The housing of claim 28 wherein the electrolysis cell and the housing is made of metal or hard plastic.

36. (new) A housing for a system involving passage of electric current allowing quick fastening and detaching of a process cell needing periodic replacement, comprising:

    a main compartment enclosing components of the system except the process cell;

    a panel at one end of the process cell and a second panel at an opposite end of the process cell, one panel at one end of the process cell having a vertical member connecting to a horizontal member forming an L shaped panel; and,

    a separate compartment for the process cell, the separate compartment having a top wall, a bottom wall, side panels, and an open side for easily reaching to and grasping on the process cell, the open side having an optional door to open or close the compartment, a wall or side panel common with the main compartment having openings to accommodate and allow tubings and electrical connectors from the main compartment to couple with tubings and electrical connectors on the panel at one end of the process cell, the separate compartment having a cell holder

means for easily introducing and removing the process cell from the separate compartment, the cell holder means comprising a track or a clip-on attached to one wall of the separate compartment for allowing the horizontal member of the L shaped panel of the process cell to slide into or out of the track or clip-on thereby facilitating the introduction and removal of the process cell from the separate compartment.

37. (new) The housing of claim 36 wherein the L shaped panel is a rear panel having the horizontal member extending from the bottom of the vertical member, the horizontal member securing to the track or clip-on on the base of the separate compartment of the process cell.

38. (new) The housing of claim 36 wherein the L shaped panel is a rear panel having the horizontal member extending from the top of the vertical member, the horizontal member securing to the track or clip-on on the top wall of the separate compartment of the process cell.

39. (new) The housing of claim 36 further comprising additional compartments for enclosing other components of the system and means for communicating the process cell to the other components of the system.

40. (new) The housing of claim 39 wherein the means for communicating the process cell to the other components of the system include quick connect fitting and snap in elbow for the

tubings and snap-on quick disconnect and terminal spade connector for the electrical connectors.

41. (new) The housing of claim 36 wherein the optional door is a swinging, sliding or clip-on door.

42. (new) The housing of claim 36 wherein the electrolysis cell and the housing is made of metal or hard plastic.

43. (new) A housing for an electrolysis system allowing quick fastening and detaching of an electrolysis cell needing periodic replacement, the electrolysis cell having an anode and a cathode chamber, comprising:

a main compartment having a front panel and a back panel enclosing components of the electrolysis system except the electrolysis cell and a filter member;

a second compartment enclosing the filter member;

a third compartment separated from the main and second compartment enclosing the electrolysis cell, the electrolysis cell having a panel at one end and a second panel at an opposite end, one panel holding one end of the electrolysis cell having a vertical member connecting to a horizontal member forming an L shaped panel;

an optional door on the third compartment;

a wall common with the main compartment having openings to accomodate and allow tubings and electrical connectors from the main compartment to couple with tubings and electrical

connectors of the electrolysis cell; and,

a cell holder means on the third compartment for easily removing and introducing the electrolysis cell from the third compartment, the cell holder means comprising a track or a clip-on attached to one wall of the separate compartment for allowing the horizontal member of the L shaped panel of the process cell to slide into or out of the track or clip-on thereby facilitating the introduction and removal of the process cell from the separate compartment.

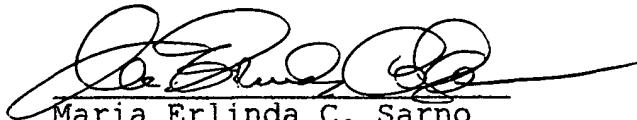
44. (new) The housing of claim 43 wherein the front panel and the back panel of the main compartment snap together.

45. (new) The housing of claim 43 wherein the tubings and electrical connectors communicating the electrolysis cell to the other components of the electrolysis system include quick connect fitting and snap in elbow for the tubings and snap-on quick disconnect and terminal spade connector for the electrical connectors.

46. (new) The housing of claim 43 further comprising additional compartments for enclosing other components of the electrolysis system.

47. (new) The housing of claim 43 wherein the electrolysis cell includes a chamber or a series of chambers.

Respectfully submitted,



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